



Crops & Weather

National Agricultural Statistics Service
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,
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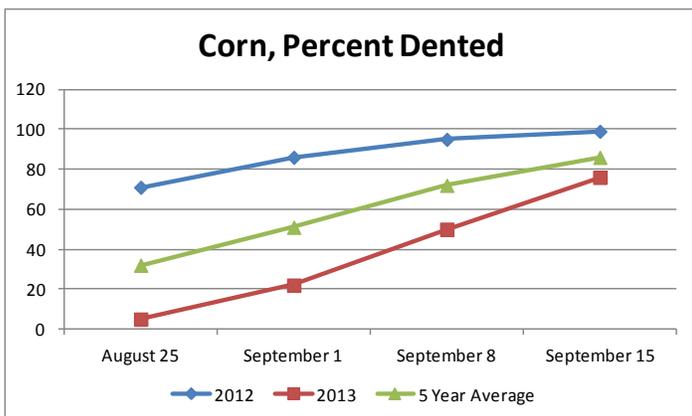
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Minnesota farmers had nearly finished small grain harvest during the week ending September 15, 2013 according to the USDA, National Agricultural Statistics Service. Statewide, an average of 0.95 inch of rain fell; improving Minnesota's topsoil moisture to 36 percent adequate. Subsoil moisture declined to 34 percent adequate. Central Minnesota received the most rainfall at 1.55 inches. Statewide average temperatures were 3.5 degrees above normal at 63.5 degrees. A statewide average of 5.9 days were rated suitable for fieldwork.

Ninety-five percent of Minnesota's corn was at or beyond the dough stage. Corn was 76 percent dented, 10 percentage points behind the five-year average. Corn was 5 percent mature, compared to last year's 75 percent. Corn conditions were rated 5 percent very poor, 10 percent poor, 34 percent fair, 46 percent good and 5 percent excellent. Fifty-eight percent of the soybean crop was turning yellow, 36 percentage points behind last year. Twenty-one percent of soybeans were dropping leaves, 6 days behind normal. Soybean conditions declined slightly to 48 percent good or excellent. Spring wheat harvest was slightly ahead of normal at 97 percent complete.

Fifty-one percent of pastures were rated poor to very poor. The harvest of third cutting alfalfa was 84 percent complete. Potato harvest progressed 12 percentage points to 41 percent complete.



Soil Moisture Levels as of September 15, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	31	33	36	0
Subsoil Moisture	27	39	34	0

Crop Condition as of September 15, 2013

	Very Poor	Poor	Fair	Good	Exc.
Pasture	24	27	30	19	0
Sugarbeets	1	6	26	61	6
Sunflowers.....	0	3	50	42	5
Corn	5	10	34	46	5
Soybeans	4	12	36	43	5
Canola	0	4	52	43	1
Dry Beans.....	4	15	41	34	6

Crop Progress as of September 15, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
	Days Suitable for Fieldwork	5.9	6.4	6.7

	Percent	Percent	Percent	Percent
Corn dough.....	95	85	100	98
Corn dent.....	76	50	99	86
Corn mature	5	1	75	28
Corn Silage harvested.....	52	23	95	58
Soybeans turning yellow	58	27	94	76
Soybeans dropping leaves.....	21	7	79	41
Spring Wheat harvested	97	91	100	94
Barley harvested.....	98	91	100	96
Sweet Corn harvested	83	70	92	85
Canola harvested.....	54	10	100	78
Dry Beans leaves yellow.....	88	69	100	NA
Dry Beans dropping leaves....	59	37	94	NA
Potatoes harvested.....	41	29	48	38
Alfalfa, third cutting.....	84	71	NA	NA

Precipitation and Temperature Summary for 9/09/2013 through 9/15/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	80	46	62.6	3.9	0.68	0.11	-0.82	-5.24	2131	173
Itasca	80	38	58.8	2.7	1.51	0.73	-1.55m	-5.94m	941m	-762m
Moorhead	83	44	63	2.4	1.82	1.21	0.72	6.56	2295	162
Pembina, ND	77	40	61	4.3	0.13	-0.38	0.82	2.55	1853	82
Warroad	73	44	60.5	3.9	0.36	-0.3	-1.41m	-6.41m	1648m	-83m
NORTH CENTRAL DISTRICT										
Grand Rapids	78	38	58.4	0.6	0.44	-0.35	-0.83	-3.42	1842	6
Intl. Falls	74	33	57.2	2.2	1.24	0.51	0.19	5.23	1685	108
NORTH EAST DISTRICT										
Duluth	79	38	59	2	0.58	-0.42	-1.73	-2.2	1828	229
Grand Marais	70	42	57.3	0.2	0.94	0.25	0.08	7.85	1050	-237
Hibbing	77	32	56.1	1.6	0.51	-0.22	0.48	-0.94	1734	271
WEST CENTRAL DISTRICT										
Alexandria	83	46	63.6	3.3	1.15	0.46	-0.91	-3	2185	124
Breckenridge	81	45	62.8	2.5	2.38	1.62	-14m	-2.75m	2035m	-59m
Browns Valley	85	40	63.6	2.9	0.75	0.11	-1.69	-2.82m	1910m	-214m
Canby	90	44	67	4.5	0.78	0.06	-1.90m	4.08m	2231m	-43m
Montevideo	90	41	63.7	2.2	1	0.2	-0.96	4.32	2174	-14
Morris	85	42	64.2	3.7	1.05	0.37	-0.14	1.79	2119	36
Wheaton	82	47	64	3.2	1.09	0.34	-0.95	-2.27	2171	6
CENTRAL DISTRICT										
Becker	90	46	66	4.6	1.15	0.19	-2.26	-7.24	2288	148
Collegeville	84	46	64.6	2	1.6	0.76	-1.37	-1.42	2242	-18
Hutchinson	95	45	67.6	5.6	0.99	0.22	-2.57	.76m	2272m	52m
Melrose	83	41	63.8	4.2	1.25	0.48	-1.83	-0.96	2121	115
Olivia	95	42	65.8	4.9	0.82	0.02	-1.95	0.89	2096	-69
St. Cloud	89	38	63.5	3.5	1.34	0.51	-1.85	-1.34	2127	86
Wadena	81	39	61.2	3.4	3.51	2.85	0.98	-2.5m	1809m	1m
Willmar	89	45	64.7	3	1.72	0.91	-0.55	-2.27m	2151	-68
EAST CENTRAL DISTRICT										
Aitkin	81	43	61.6	4	2.35	1.57	1.15	1.81m	1769m	1m
Forest Lake	92	43	66.5	4.8	1.01	0.16	-2.38	-2.07	2255	41
MSP Airport	94	49	68.6	5.2	0.82	0.08	-2.52	2.74	2571	202
Mora	82	39	62.8	3.7	1.83	0.99	-1.45	-2.22m	2027	77
St. Paul - UofM	91	43	66.7	5	0.55	-0.3	-2.15	3.75	2247	33
SOUTH WEST DISTRICT										
Lamberton	92	41	66.4	4.5	0.59	-0.22	-2.12	-4.04	2310	79
Marshall	93	45	68.4	6	0.47	-0.28	-1.93	-3.49m	2395	117
Pipestone	91	44	66.2	4.8	0.36	-0.42	-2.48	-3.72m	2177m	16m
Redwood Falls	95	45	67.5	4.9	0.77	0.03	-1.89	-5.4	2383	85
Sioux Falls	91	44	67	4.2	0.21	-0.45	-1.74	0.48	2382	93
SOUTH CENTRAL DISTRICT										
Worthington	90	40	65.1	3.4	0.06	-0.74	-2.63	-3.35m	2246m	65m
North Mankato	94	46	65.8	3.4	1.18	0.4	-1	-4.15m	2218m	-42m
Owatonna	95	43	66.9	4.2	1.07	0.16	-1.68	2.82	2282	42
Waseca	94	45	66.6	3.9	1.14	0.25	-1.66	4.89	2256	-18
Winnebago	95	47	67.4	4.6	0.56	-0.24	-2.7	3.79	2363	80
Cannon Falls	91	39	66.5	5.2	1.02	0.18	-2.74m	.44m	1532m	-618m
SOUTH EAST DISTRICT										
La Crosse	93	45	69.2	5	0.81	-0.07	-2.82	1.74	2502	99
Preston	93	39	66.4	4.5	0.72	-0.21	-3.07	7.00m	2199	61
Red Wing	95	45	68.7	5.6	0.75	-0.16	-2.8	-0.73	2371	107
Rochester	92	44	66	3.7	0.23	-0.62	-3	7.57	2245	46
Rosemount	92	45	67	4.8	0.89	0.02	-2.52	-1.51m	2222	26
Winona Dam	92	46	68.3	5.3	0.44	-0.46	-3.28	4.5	2347	110

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu